

What is claimed is:

1. A toothbrush with highly tapered bristles having superior flexibility, wherein each of said bristles is made of polyethylene terephthalate or polybutylene terephthalate, and tapered starting at a position of 3.5mm or less from and thereof, with a tapered end having a diameter of 0.02mm or less.
- 10 2. The toothbrush of claim 1, wherein the tapered end of each of the bristles is 0.01mm or less in diameter.
- 15 3. The toothbrush of claim 1, wherein each of the bristles is tapered starting at a position of 3.0mm or less from the end of the bristle.
4. A method of manufacturing a toothbrush with highly tapered bristles having superior flexibility, comprising the steps of:
 - 20 dipping 3.5mm-long portions from ends of monofilaments for bristles into erosive chemicals such as sulfuric acid or sodium hydroxide until the dipped portions of the monofilaments are completely eroded;
 - 25 neutralizing the shortened monofilaments prior to rinsing and drying them;
 - attaching the shortened monofilaments on a predetermined portion of a toothbrush; and

grinding the shortened monofilaments with the use of a 240# mesh paper rotated at 2600 to 2700rpm for 3 to 10sec, a 320# mesh paper rotated at same speed for 3 to 10sec, and a 400# mesh paper rotated at same speed for 3 to 10sec.

5